

BLOOD-TIGHT IMPLANTABLE TEXTILE MATERIAL
AND METHOD OF MAKING

ABSTRACT:

[0043] An unmodified textile material is combined with a mixture including a non-colloidal polysaccharide slurry to form a blood-tight implantable textile material. A substantially porous unmodified textile material is impregnated with a biocompatible, bioresorbable slurry to make an implantable textile material, preferably in the form of a vascular graft. Sodium alginate is a preferred polysaccharide to use in the mixture, which serves as a viable alternative to collagen impregnation and coatings of vascular grafts.